

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: August 11, 2004, 14:49:30 ; Search time 14.375 Seconds

(without alignments)
826.016 Million cell updates/sec

Title: US-10-029-630-4

Perfect score: 1203

Sequence: 1 MEGORWLPLEANEPTVNOFL.....KEMERDDELRENALISAA 230

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 389414 seqs, 51625971 residues

Total number of hits satisfying chosen parameters: 389414

Minimum DB seq length: 0

Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*
1: /cgn2_6/ptodata/2/iaa/5A.COMB.dep.*
2: /cgn2_6/ptodata/2/iaa/5B.COMB.dep.*
3: /cgn2_6/ptodata/2/iaa/6A.COMB.dep.*
4: /cgn2_6/ptodata/2/iaa/6B.COMB.dep.*
5: /cgn2_6/ptodata/2/iaa/PTCUS.COMB.dep.*
6: /cgn2_6/ptodata/2/iaa/backfile1.dep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	ID	Description
1	1203	100.0	230	4 US-09-230-196-18	Sequence 18, Appl
2	1203	100.0	230	4 US-09-230-196-23	Sequence 22, Appl
3	663.5	55.2	223	4 US-09-230-196-17	Sequence 17, Appl
4	663.5	55.2	223	4 US-09-230-196-24	Sequence 24, Appl
5	632.5	52.6	212	4 US-09-702-705-1820	Sequence 1820, Ap
6	632.5	52.6	212	4 US-09-736-457-1820	Sequence 1820, Ap
7	632.5	52.6	212	4 US-09-671-325-1820	Sequence 1820, Ap
8	585.5	48.7	227	4 US-09-230-196-21	Sequence 21, Appl
9	309	25.7	236	4 US-09-230-196-22	Sequence 22, Appl
10	210	17.5	247	4 US-09-230-196-16	Sequence 16, Appl
11	210	17.5	326	4 US-09-230-196-20	Sequence 20, Appl
12	190.5	15.8	928	4 US-09-230-196-2	Sequence 2, Appl
13	95	7.9	928	4 US-08-841-483-4	Sequence 4, Appl
14	95	7.9	928	3 US-09-382-911-4	Sequence 6, Appl
15	95	7.9	1117	2 US-08-841-483-6	Sequence 6, Appl
16	95	7.9	1117	3 US-09-382-911-6	Sequence 6, Appl
17	89	7.4	801	4 US-09-252-991A-18228	Sequence 9, Appl
18	84.5	7.0	531	4 US-09-051-961-9	Sequence 18228, A
19	82.5	6.9	892	4 US-09-543-681A-8314	Sequence 8314, Ap
20	82	6.8	888	4 US-09-268-140-4	Sequence 4, Appl
21	82	6.8	904	4 US-09-543-681A-6943	Sequence 6943, Ap
22	81.5	6.8	573	4 US-09-134-000C-5258	Sequence 5258, Ap
23	81	6.7	294	4 US-08-252-991A-27242	Sequence 27242, A
24	81	6.7	645	2 US-08-592-126-144	Sequence 144, Appl
25	81	6.7	645	2 US-08-687-080-47	Sequence 47, Appl
26	81	6.7	645	4 US-09-168-595-144	Sequence 144, Appl
27	81	6.7	1312	2 US-08-592-126-148	Sequence 148, Appl

28	81	6.7	1312	2 US-08-687-080-51	Sequence 51, Appl
29	81	6.7	1312	4 US-09-168-595-148	Sequence 148, Appl
30	80.5	6.7	912	2 US-08-951-871-2	Sequence 2, Appl
31	80.5	6.7	1094	2 US-08-680-326-40	Sequence 40, Appl
32	80	6.7	205	4 US-09-107-532A-5462	Sequence 5462, Ap
33	79.5	6.6	346	4 US-09-252-991A-21432	Sequence 21432, A
34	79.5	6.6	444	4 US-09-134-000C-5414	Sequence 5414, Ap
35	79.5	6.6	464	1 US-07-688-352C-16	Sequence 16, Appl
36	79.5	6.6	464	2 US-08-474-379C-16	Sequence 16, Appl
37	79.5	6.6	464	3 US-09-146-249A-16	Sequence 16, Appl
38	79.5	6.6	464	3 US-08-206-188B-16	Sequence 16, Appl
39	79.5	6.6	464	5 PCT-US91-02714-16	Sequence 16, Appl
40	79	6.6	346	4 US-09-199-637A-313	Sequence 313, Appl
41	79	6.6	886	4 US-08-956-171E-5235	Sequence 5235, Ap
42	78.5	6.5	294	4 US-09-134-000C-4724	Sequence 4724, Ap
43	78.5	6.5	876	1 US-08-785-071A-2	Sequence 2, Appl
44	78.5	6.5	876	3 US-09-012-872-2	Sequence 2, Appl
45	78	6.5	327	4 US-09-134-001C-4937	Sequence 4937, Ap

ALIGNMENTS

RESULT 1
US-09-230-196-18
Sequence 18, Application US/09230196
Patent No. 6307035
GENERAL INFORMATION:
APPLICANT: Rauscher III, Frank J.
ATTORNEY: Jensen, David E.
TITLE OF INVENTION: BRCAl Associated Protein (BAP-1) and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESS:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr., PO Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: PatentIn Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,196
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,997
FILING DATE: 02-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,109
FILING DATE: 19-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST68BUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 18:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-230-196-18
Query Match 100.0%; Score 1203; DB 4; Length 230;
Best Local Similarity 100.0%; Pred. No. 6.3e-126;

Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEGQRMPLPEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITE 60
Db 1 MEGQRMPLPEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITE 60

QY 61 KYEVFRTEEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLK 120
Db 61 KYEVFRTEEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLK 120

QY 121 KFLSEYSMSPEERARLYENYDAIRVTHETSAHEGQTEAPSIDKVDLHFLVVDGHL 180
Db 121 KFLSEYSMSPEERARLYENYDAIRVTHETSAHEGQTEAPSIDKVDLHFLVVDGHL 180

QY 181 YELDGRKFPINHGTSDETLLEDAIEVCKKMERDPELRNALALSA 230
Db 181 YELDGRKFPINHGTSDETLLEDAIEVCKKMERDPELRNALALSA 230

RESULT 2
US-09-230-196-23
Sequence 23, Application US/09230196
Patent No. 6307035
GENERAL INFORMATION:
APPLICANT: Rauscher III, Frank J.
APPLICANT: Jensen, David E.
TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr., PO Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,196
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,997
FILING DATE: 02-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,109
FILING DATE: 19-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST68BUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 23:
SEQUENCE CHARACTERISTICS:
LENGTH: 230 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-230-196-23

Query Match 100.0%; Score 1203; DB 4; Length 230;
Best Local Similarity 100.0%; Pred. No. 6,3e-126;
Matches 230; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MEGQRMPLPEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITE 60
Db 1 MEGQRMPLPEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITE 60

Db 1 MEGQRMPLPEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITE 60

QY 61 KYEVFRTEEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLK 120
Db 61 KYEVFRTEEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLK 120

QY 121 KFLSEYSMSPEERARLYENYDAIRVTHETSAHEGQTEAPSIDKVDLHFLVVDGHL 180
Db 121 KFLSEYSMSPEERARLYENYDAIRVTHETSAHEGQTEAPSIDKVDLHFLVVDGHL 180

QY 181 YELDGRKFPINHGTSDETLLEDAIEVCKKMERDPELRNALALSA 230
Db 181 YELDGRKFPINHGTSDETLLEDAIEVCKKMERDPELRNALALSA 230

RESULT 3
US-09-230-196-17
Sequence 17, Application US/09230196
Patent No. 6307035
GENERAL INFORMATION:
APPLICANT: Rauscher III, Frank J.
APPLICANT: Jensen, David E.
TITLE OF INVENTION: BRCA1 Associated Protein (BAP-1) and
TITLE OF INVENTION: Uses Therefor
NUMBER OF SEQUENCES: 47
CORRESPONDENCE ADDRESSES:
ADDRESSEE: Howson and Howson
STREET: Spring House Corporate Cntr., PO Box 457
CITY: Spring House
STATE: Pennsylvania
COUNTRY: U.S.A.
ZIP: 19477
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/09/230,196
FILING DATE:
CLASSIFICATION:
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/022,997
FILING DATE: 02-AUG-1996
PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/038,109
FILING DATE: 19-FEB-1997
ATTORNEY/AGENT INFORMATION:
NAME: Bak, Mary E.
REGISTRATION NUMBER: 31,215
REFERENCE/DOCKET NUMBER: WST68BUSA
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-540-9200
TELEFAX: 215-540-5818
INFORMATION FOR SEQ ID NO: 17:
SEQUENCE CHARACTERISTICS:
LENGTH: 223 amino acids
TYPE: amino acid
STRANDEDNESS:
TOPOLOGY: unknown
MOLECULE TYPE: protein
US-09-230-196-17

Query Match 55.2%; Score 663.5; DB 4; Length 223;
Best Local Similarity 55.2%; Pred. No. 8.8e-66;
Matches 123; Conservative 45; Mismatches 50; Indels 5; Gaps 2;

QY 8 PLEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITEKYEVFR 67
Db 5 PLEANPEVTNQLKQGLHPNQFVDVYGMDELLSMVPRVCVALLPITEKYEVFR 64

QY 68 EEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLKFLSESV 127
Db 68 EEEKIKSGQDVTSVYFMKOTISNACGTLIHAIANNKDKHFEESGSLKFLSESV 127